



\$305
Model Shown



SPEC SHEET
LC101

Interchangeable with
Model TC-S

LC101 Series
Tension/Compression

± 25 to $\pm 40,000$ lb.
 ± 100 to $\pm 200,000$ N

1 Newton = 0.2248 lb
1 daNewton = 10 Newtons
1 lb = 454 g
1 t = 1000 kg = 2204 lb

- ☑ All Stainless Steel for Harsh Industrial Applications
- ☑ 0.25% Interchangeable for Multiple Load Cell Applications
- ☑ 5-Point Calibration Provided
- ☑ FM/CSA Intrinsically Safe

SPECIFICATIONS

Output: 3 mV/V \pm 0.0075 mV/V
Calibrated at 0%, 50%, 100%, 50%, 0%

Excitation: 10 Vdc, 15 Vdc max

Accuracy Class: \pm 0.03% FSO (<40K)

Linearity: \pm 0.03% FSO (0.1% 40K)

Hysteresis: \pm 0.02% FSO (0.1% 40K)

Repeatability: \pm 0.01% FSO (0.05% 40K)

Zero Balance: \pm 1% FSO

Agency Approval: FM/CSA Intrinsically Safe IS/I.II.III/1/CDEFG — Standard

Operating Temp. Range: -40 to +93°C (-40 to +200°F)

Compensated Temp. Range: 17 to 71°C (60 to +160°F)

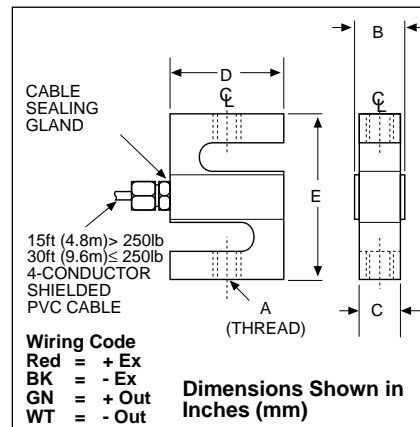
Thermal Effects: Zero: 0.0013% FSO/°F
Span: 0.0008% Rdg/°F

Safe Overload: 150% of Capacity

Ultimate Overload: 300% of Capacity

ALL STAINLESS STEEL
“S” BEAM LOAD CELLS
High Accuracy - Economical Price

Output Resistance: 350 \pm 5 ohms
Full Scale Deflection: .010" to .020"
Construction: 17-4 PH Stainless Steel
Electrical: 15 ft 4 cond 20 awg (30 ft, 24 awg 25-250 lb) shielded PVC cable



Capacity (lb)	A	B	C	D	E	Weight lb
25-200	¼-28	.75 (19)	.50 (13)	1.5 (38)	2.5 (64)	1.0 (.45kg)
250-2K	½-20	1.25 (32)	1.0 (25)	2.0 (51)	3.0 (76)	2.5 (1.1)
3K-5K	¾-18	1.25 (32)	1.0 (25)	2.5 (51)	3.5 (89)	3.5 (1.6)
10K-20K	1-14	1.75 (44)	1.5 (38)	3.0 (76)	4.3 (108)	4.5 (2.0)
25K-30K	1-14	2.25 (57)	2.0 (51)	4.0 (102)	4.3 (108)	9.0 (4)
40K	1¼-12	3.25 (83)	3.0 (76)	4.0 (102)	5.5 (140)	13 (6)

Prices Shown in U.S. Dollars

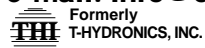
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➔ **Most Popular Models Indicated** ◀

To Order: (Specify Model Number)

Capacity (lb)	Model Number	Price	Compatible Meters	Load ButtonRod End			
				Model Number	Price	Model Number	Price
\pm 25	LC101-25	\$305	INFW, INFS, INFCS	LBC-014	\$40	REC-014M	\$15
\pm 50	LC101-50	305	INFW, INFS, INFCS	LBC-014	40	REC-014M	15
\pm 100	LC101-100	305	INFW, INFS, INFCS	LBC-014	40	REC-014M	15
\pm 200	LC101-200	305	INFW, INFS, INFCS	LBC-014	40	REC-014M	15
\pm 250	LC101-250	305	INFW, INFS, INFCS	LBC-012	40	REC-012M	35
\pm 500	LC101-500	305	INFW, INFS, INFCS	LBC-012	40	REC-012M	35
\pm 1,000	LC101-1K	305	INFW, INFS, INFCS	LBC-012	40	REC-012M	35
\pm 2,000	LC101-2K	305	INFW, INFS, INFCS	LBC-012	40	REC-012M	35
\pm 3,000	LC101-3K	365	INFW, INFS, INFCS	LBC-058	45	REC-058M	69
\pm 5,000	LC101-5K	445	INFW, INFS, INFCS	LBC-058	45	REC-058M	69
\pm 10,000	LC101-10K	465	INFW, INFS, INFCS	LBC-100	55	REC-100M	95
\pm 20,000	LC101-20K	675	INFW, INFS, INFCS	LBC-100	55	REC-100M	95
\pm 25,000	LC101-25K	825	INFW, INFS, INFCS	LBC-100	55	REC-100M	95
\pm 30,000	LC101-30K	825	INFW, INFS, INFCS	LBC-100	55	REC-100M	95
\pm 40,000	LC101-40K	875	INFW, INFS, INFCS	LBC-114	60	REC-114M	95

Interchangeable with Model TC-S
Ordering Examples: 1.) LC101-200 is a \pm 200 lb capacity load cell, \$305. Matching Rod End REC-014M, \$15 ea, matching Load Button LBC-014, \$40 2.) LC101-5K is a \pm 5,000 lb capacity load cell, \$445. Matching Rod End REC-058M, \$69 ea.

Metric Ranges Available - Consult Engineering
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